

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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A _____ **A**

CCT AGA AAT CCA AAG GCT TGT ACC TTA AAC TGT GAT CCA AGA ATT GCC 306
 Pro Arg Asn Pro Lys Ala Cys Thr Leu Asn Cys Asp Pro Arg Ile Ala 70
 55 60 65

TAT GGA GTT TGC CCG CGT TCA GAA AAG AAT GAT CGG ATA TGC 354
 Tyr Gly Val Cys Pro Arg Ser Glu Lys Lys Asn Asp Arg Ile Cys
 75 80 85

ACC AAC TGT TGC GCA GGC ACG AAG GGT TGT AAG TAC TTC AGT GAT GAT 402
 Thr Asn Cys Cys Ala Gly Thr Lys Gly Cys Lys Tyr Phe Ser Asp Asp
 90 95 100

GGA ACT TTT GTT TGT GAA GGA GAG TCT GAT CCT AGA AAT CCA AAG GCT 450
 Gly Thr Phe Val Cys Glu Gly Glu Ser Asp Pro Arg Asn Pro Lys Ala
 105 110 115

TGT CCT CGG AAT TGC GAT CCA AGA ATT GCC TAT GGG ATT TGC CCA CTT 498
 Cys Pro Arg Asn Cys Asp Pro Arg Ile Ala Tyr Gly Ile Cys Pro Leu
 120 125 130

GCA GAA GAA AAG AAG AAT GAT CGG ATA TGC ACC AAC TGT TGC GCA GGC 546
 Ala Glu Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn Cys Cys Ala Gly
 135 140 145 150

B _____ **B**

Figure 1b

APPROVED	O.G. FIG.	
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204000" 2032T850

C

ATT TGC CCA CTT TCA GAA AAG AAG AAT GAT CGG ATA TGC ACA AAC 882
 Ile Cys Pro Leu Ser Glu Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn 260
 250 255

TGT TGC GCA GGC AAA AAG GGC TGT AAG TAC TTT AGT GAT GAT GGA ACT 930
 Cys Cys Ala Gly Lys Lys Gly Cys Lys Tyr Phe Ser Asp Asp Gly Thr 275
 265 270

TTT GTT TGT GAA GGA GAG TCT GAT CCT AGA AAT CCA AAG GCC TGT CCT 978
 Phe Val Cys Glu Ser Asp Pro Arg Asn Pro Lys Als Cys Pro 290
 280 285

CGG AAT TGT GAT GGA AGA ATT GCC TAT GGA ATT TGC CCA CTT TCA GAA 1026
 Arg Asn Cys Asp Gly Arg Ile Ala Tyr Gly Ile Cys Pro Leu Ser Glu 310
 295 300 305

GAA AAG AAG AAT GAT CGG ATA TGC ACC AAT TGT TGC GCA GGC AAG AAG 1074
 Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn Cys Cys Ala Gly Lys Lys 325
 315 320

GGC TGT AAG TAC TTT AGT GAT GAT GGA ACT TTT ATT TGT GAA GGA GAA 1122
 Gly Cys Lys Tyr Phe Ser Asp Asp Gly Thr Phe Ile Cys Glu Gly Glu 340
 330 335

D

Figure 1d

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APPROVED	O.G. FIG.	
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D

TCT GAA TAT GCC AGC AAA GTG GAT GAA TAT GTT GGT GAA GTG GAG AAT 1170
Aer Glu Tyr Ala Ser Lys Val Asp Glu Tyr Val Gly Glu Val Glu Asn 355

GAT CTC CAG AAG TCT AAG GTT GCT GTT TCC TAAGTCCTAA CTAATAATAT 1220
Asp Leu Gln Lys Ser Lys Val Ala Val Ser 365

GTAGTCTATG TATGAAACAA AGGCATGCCA ATATGCTCTG TCTTGCCTGT AATCTGTAAT 1280

ATGGTAGTGG AGCTTTTCCA CTGCCGTGTT AATAAGAAAT GGAGCACTAG TTTGTTT TAG 1340

TTAAAAAAA AAAAAA AAAA 1360

Figure 1e

1. **Introduction**
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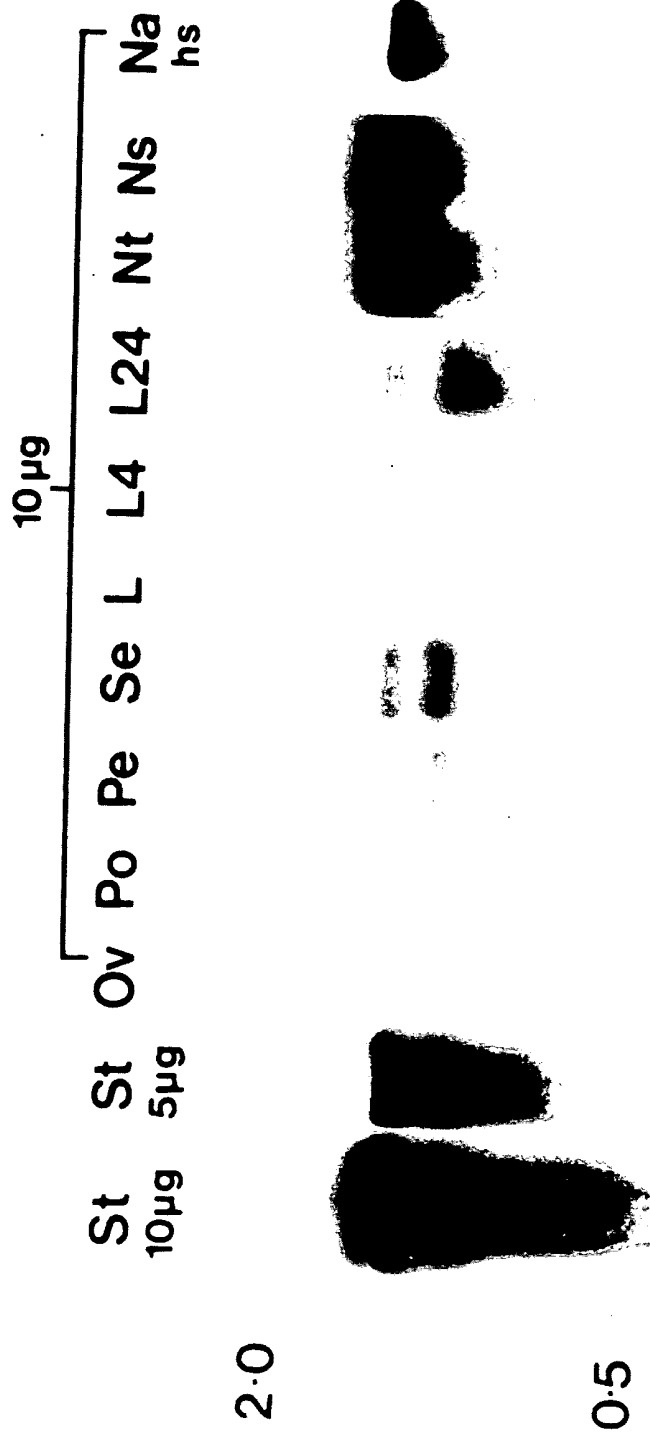


Figure 2

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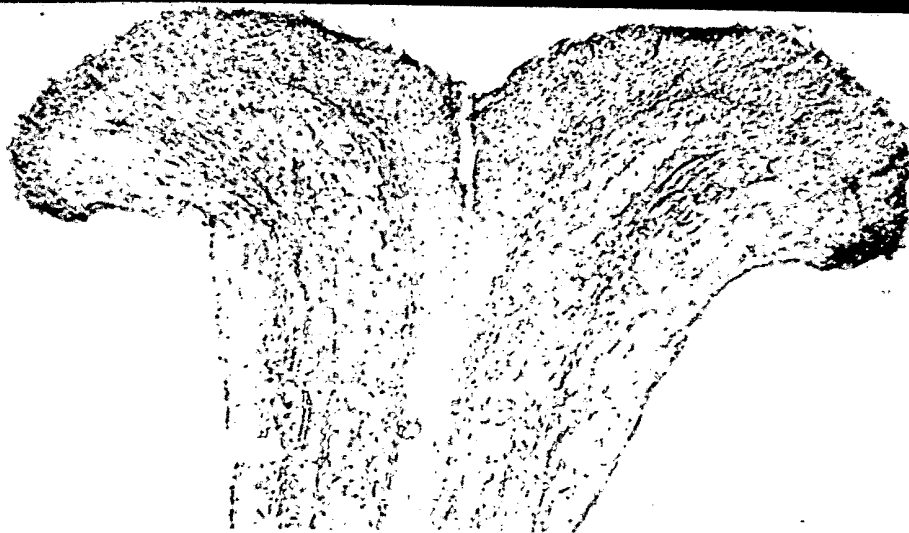


Figure 3

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EcoRI HindIII

9.4

6.5

4.3

2.3

2.0

Figure 4

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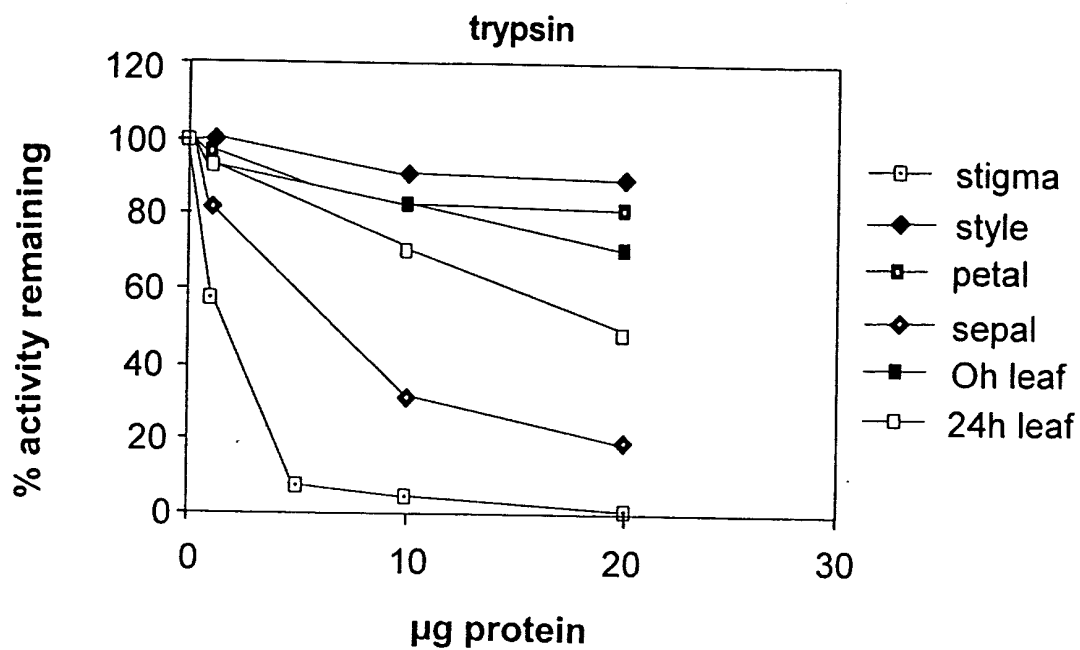


Figure 5a

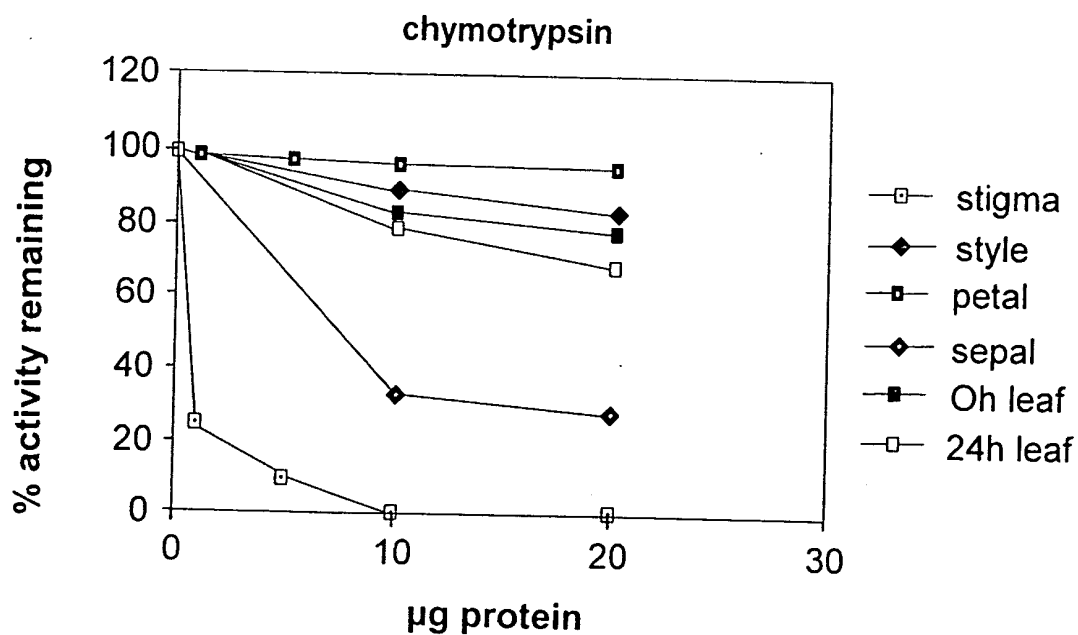


Figure 5b

Figure 6a

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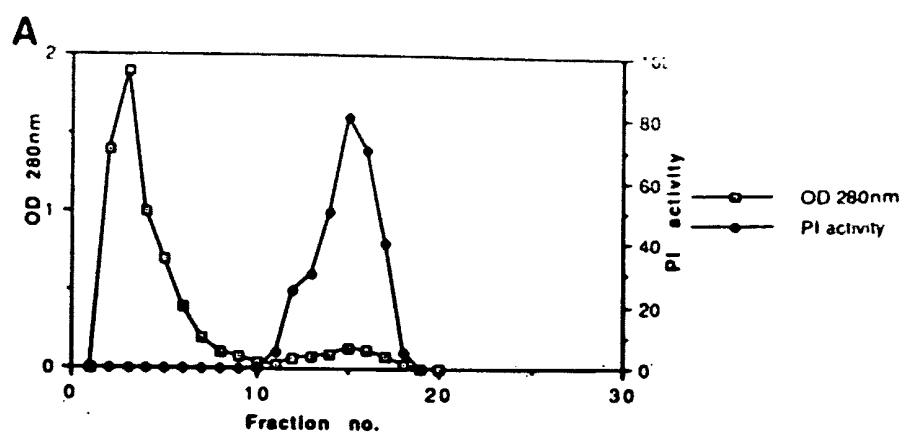


Figure 6b

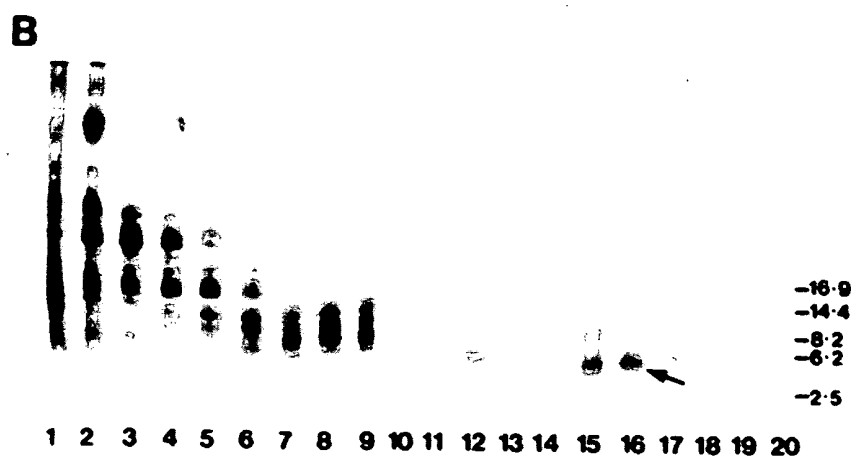
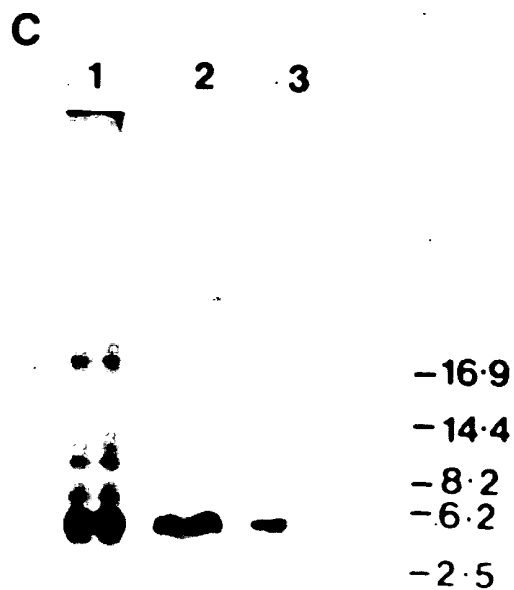


Figure 6c



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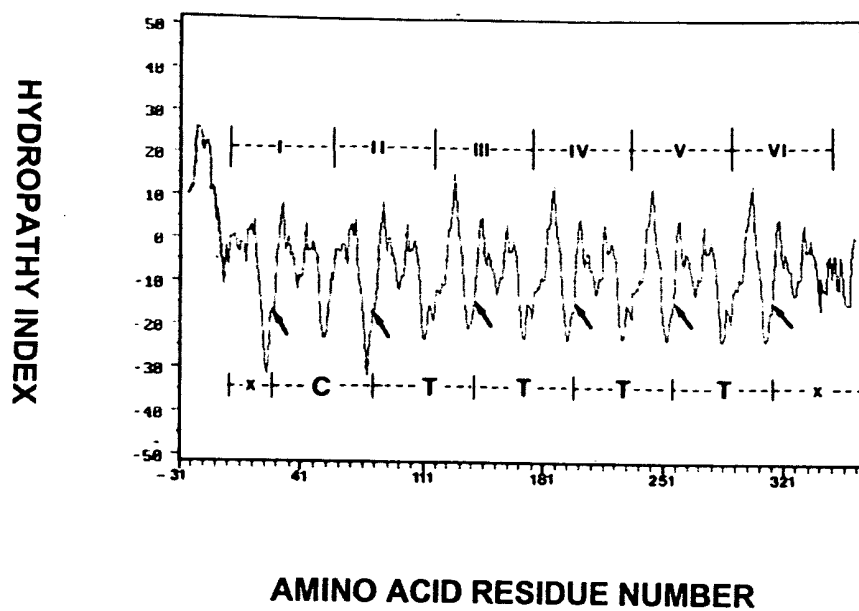
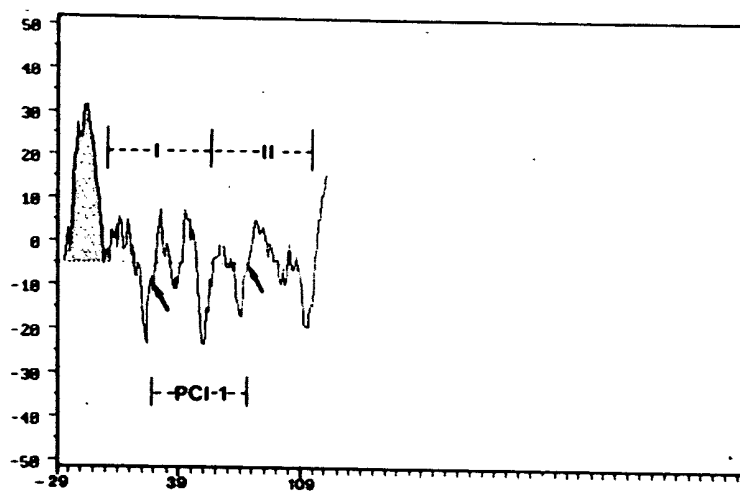


Figure 7a

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HYDROPATHY INDEX



AMINO ACID RESIDUE NUMBER

Figure 7 b

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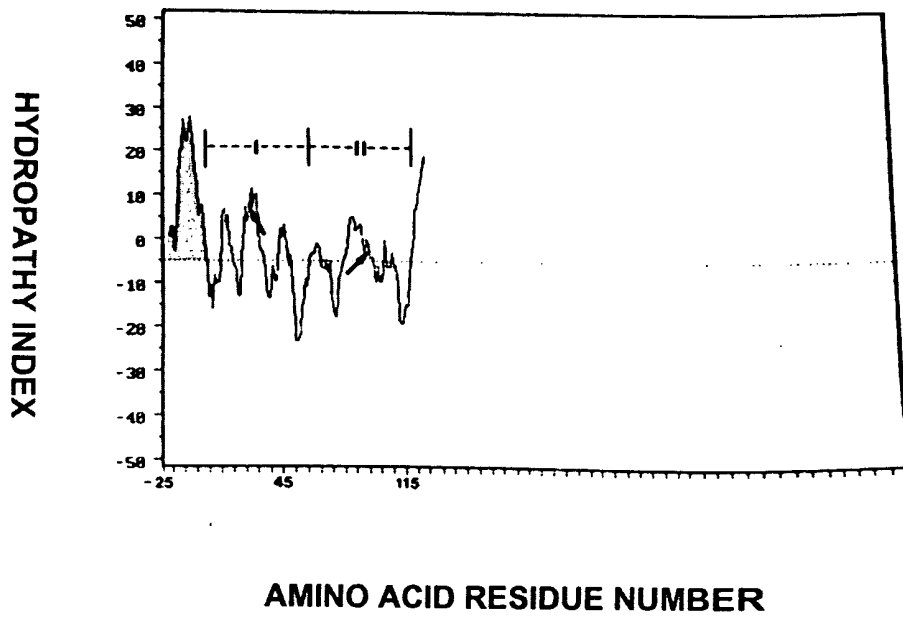


Figure 7c

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Figure 8a

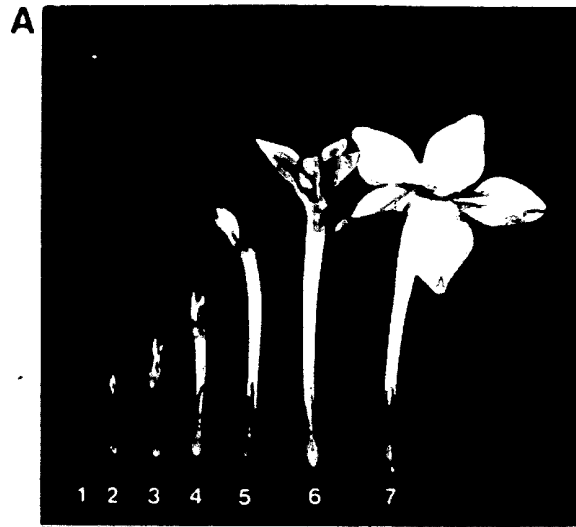


Figure 8b

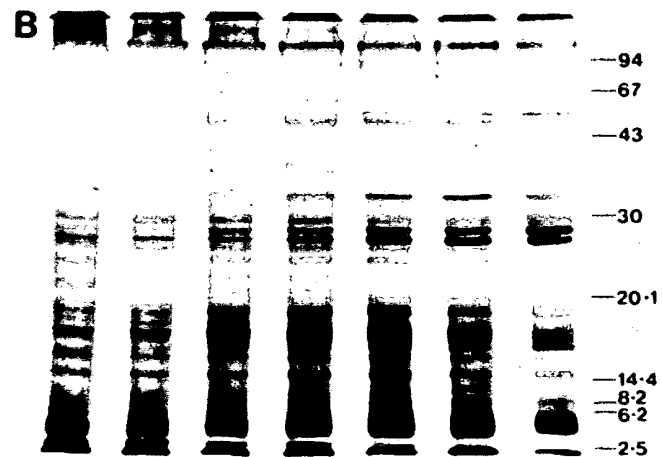
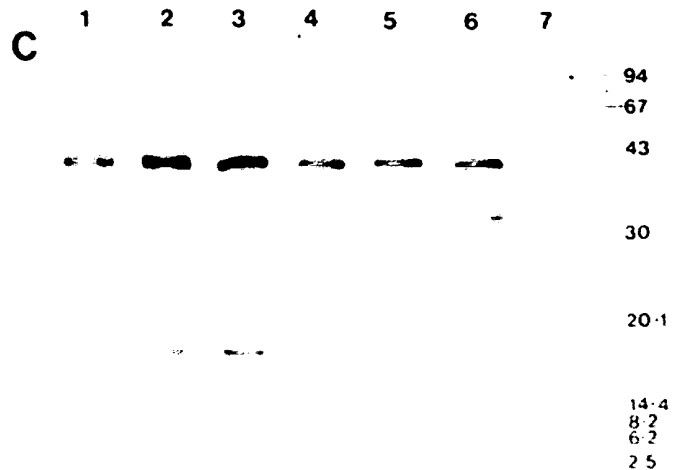


Figure 8c



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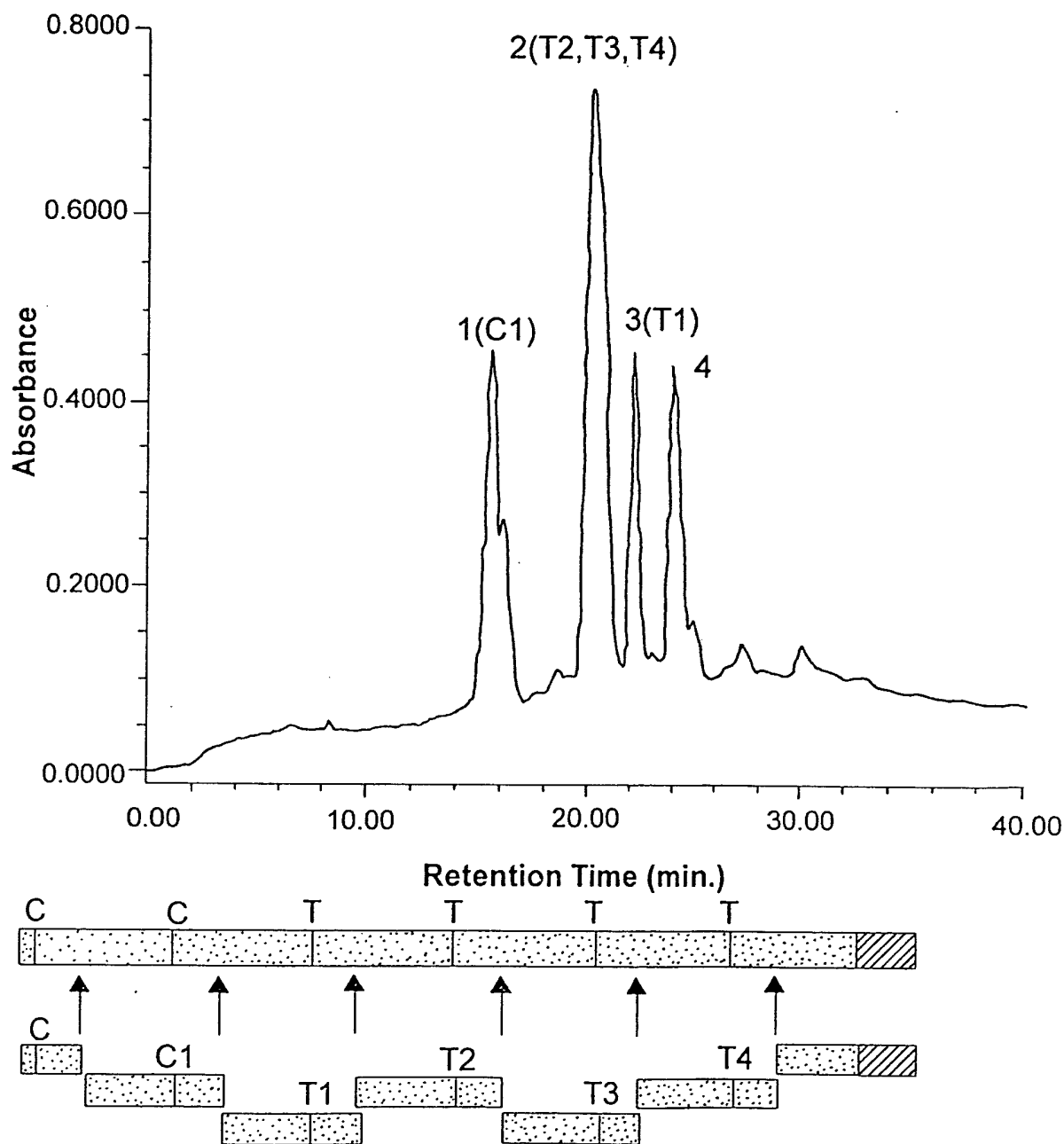


Figure 9a

C1 DRICTNCCAGTKGCKYFSDDGTFVCEGESDPRNPKACTLNCDPRIAYGVCPRS
T1 DRICTNCCAGTKGCKYFSDDGTFVCEGESDPRNPKACPRNCDPRIAYGICPL
T2 DRICTNCCAGTKGCKYFSDDGTFVCEGESDPRNPKACPRNCDGRIAYGICPLS
T3 DRICTNCCAGTKGCKYFSDDGTFVCEGESDPRNPKACPRNCDGRIAYGICPLS
T4 DRICTNCCAGTKGCKYFSDDGTFVCEGESDPRNPKACPRNCDGRIAYGICPLS
1 10 20 30 40 50

Figure 9b

-10 1 10
I C P (R o r L) (S o r A) E E K K N D R I C T N C C A G (T o r K) K G

Figure 10

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1 2

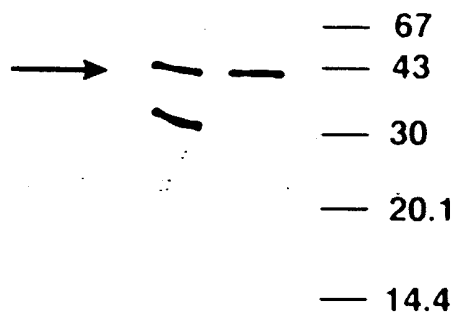


Figure 11 a

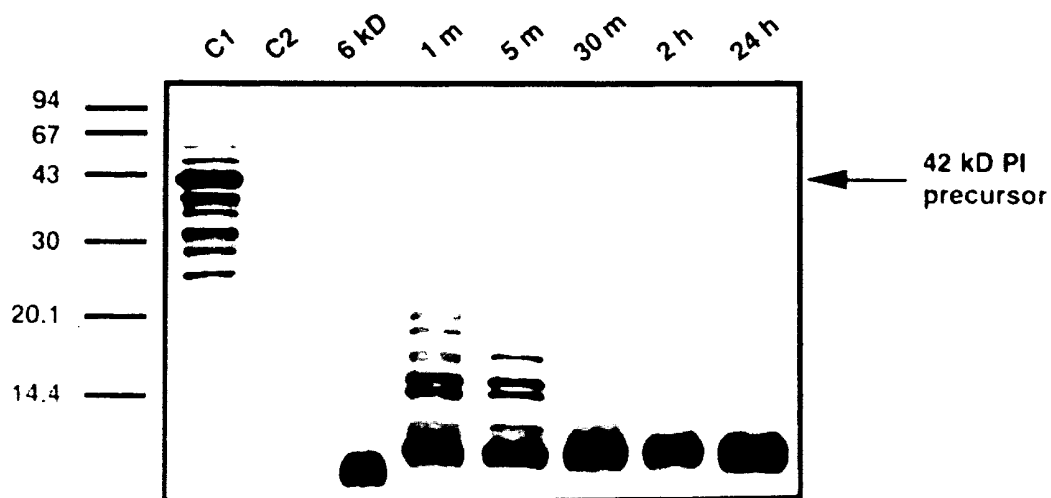


Figure 11 b

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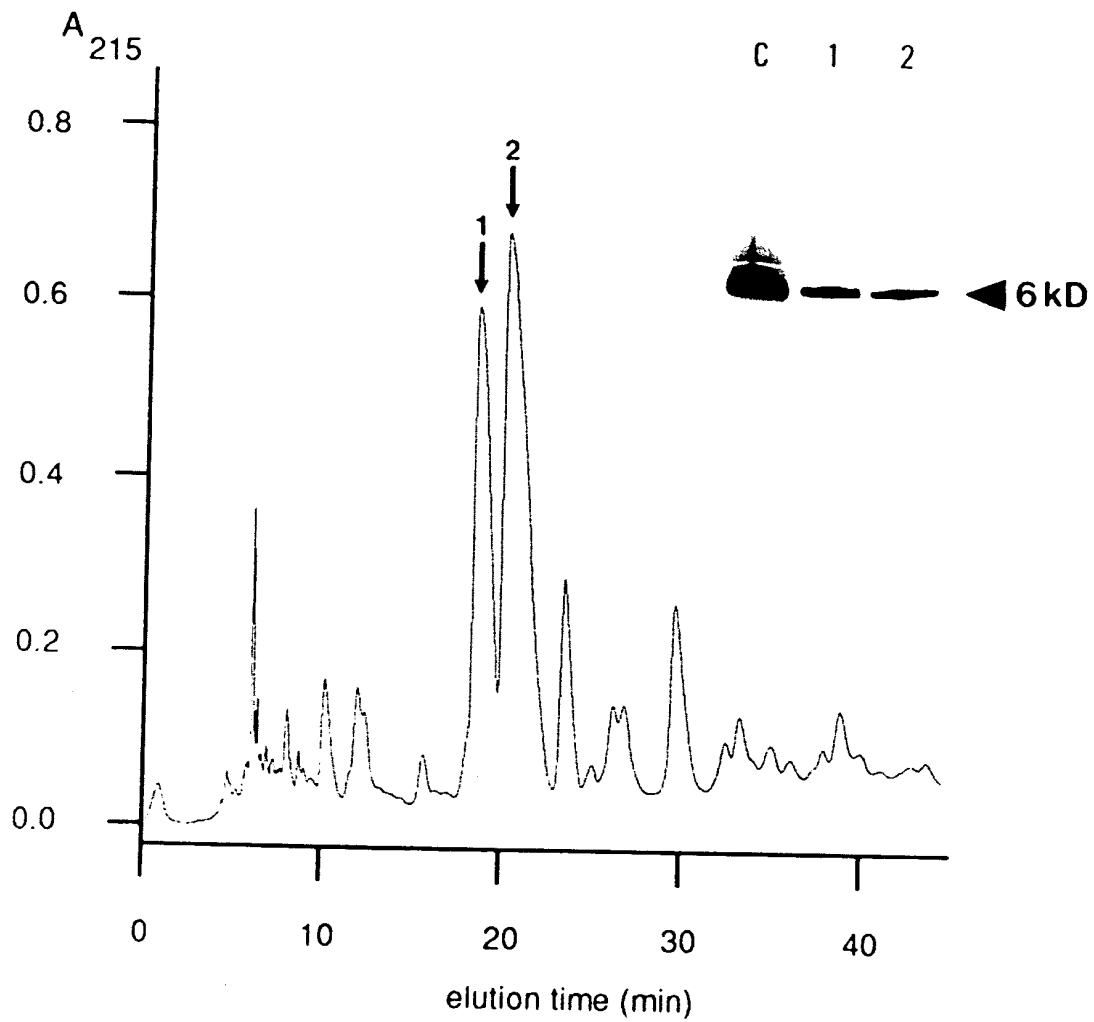


Figure 12

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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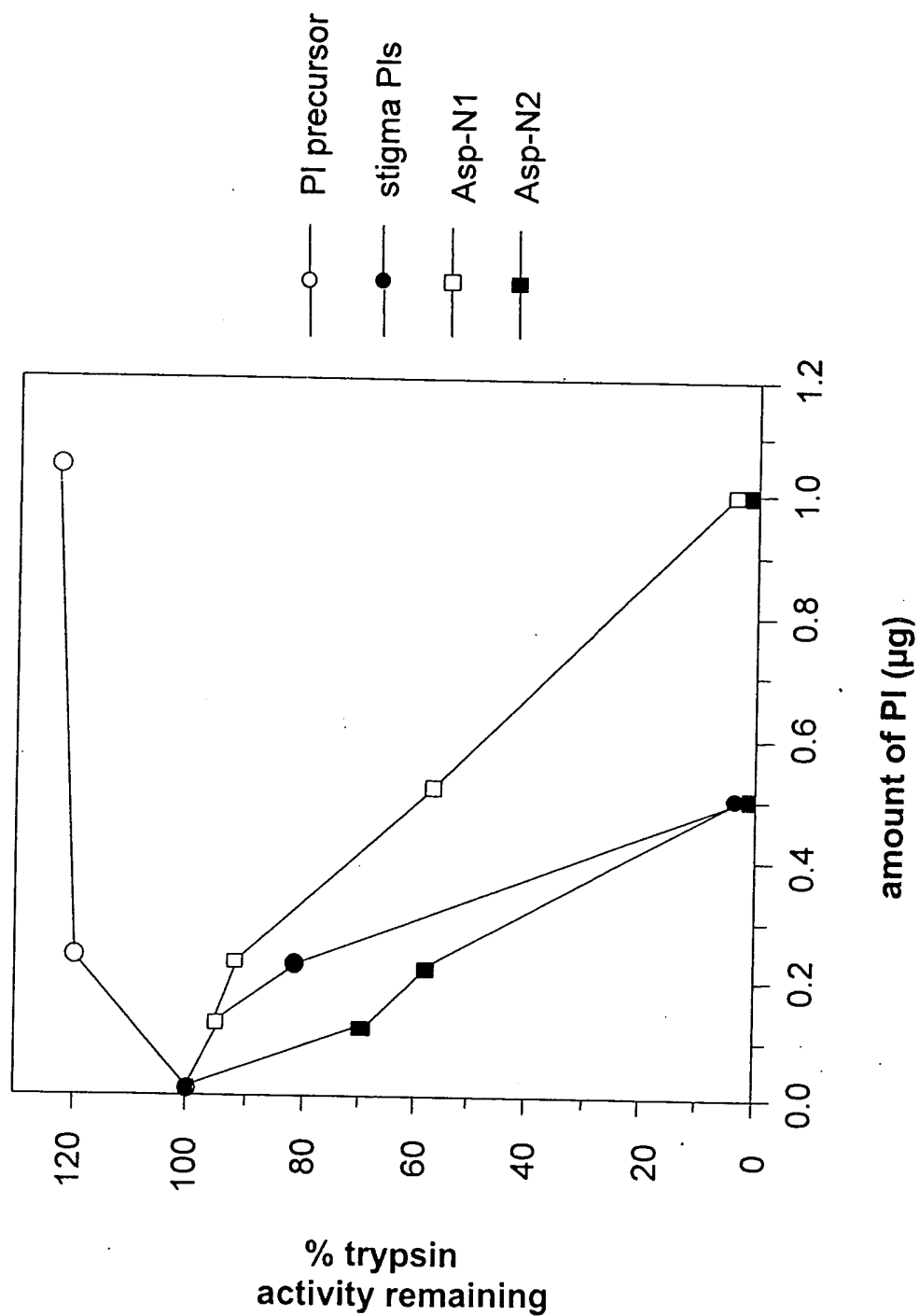


Figure 13a

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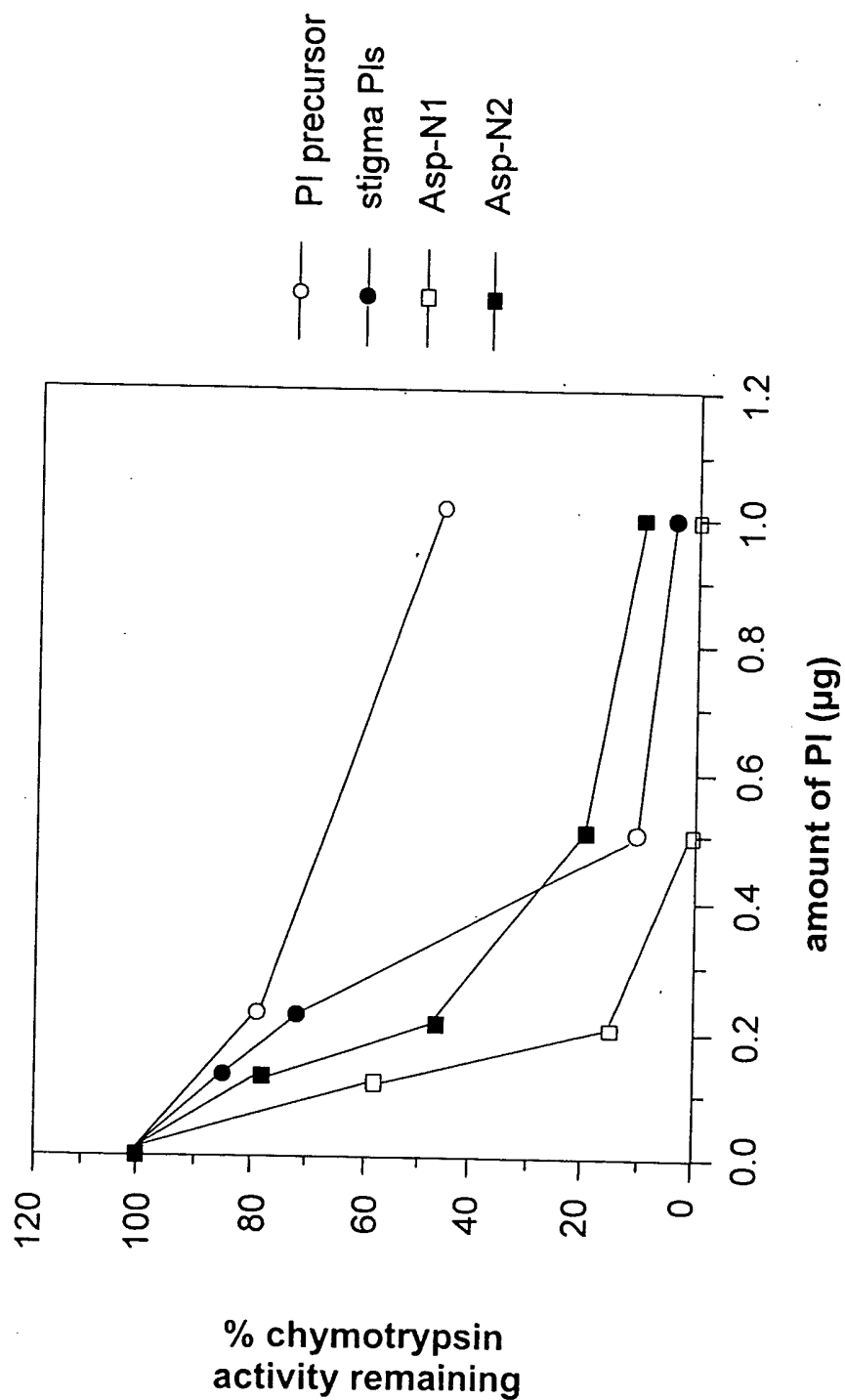


Figure 13b

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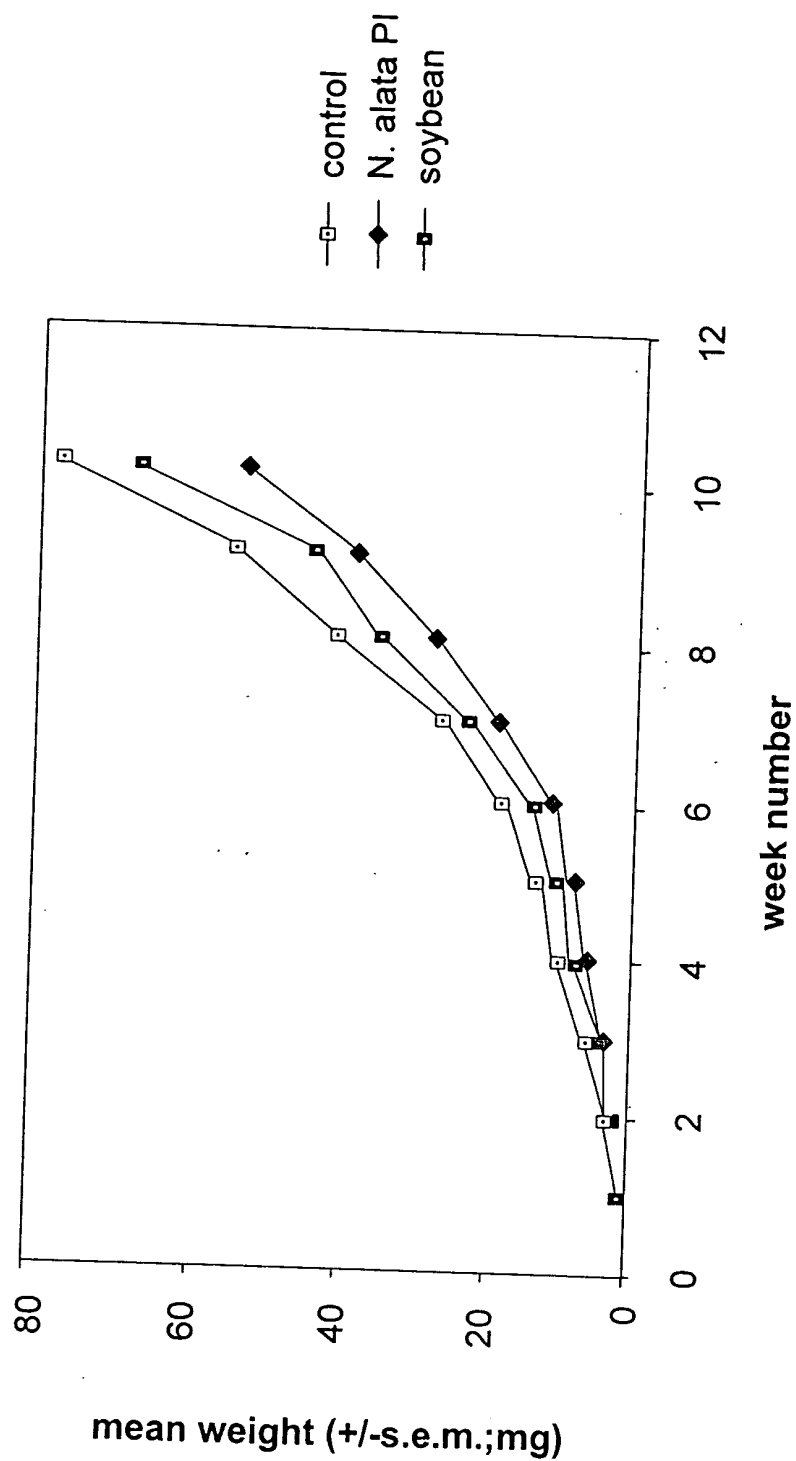


Figure 14